



MEETING THE PROJECT MANAGEMENT CHALLENGE

2004

Abstract

“Schedule Analysis Techniques”

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Developing a baseline schedule, measuring performance against it, and estimating when remaining activities will start and/or finish are essential elements of good schedule management. Equally important is the meaningful analysis of project schedules that provides the project team with a rational basis for decision making in order to meet project objectives.

Schedule analysis is the process of assessing the magnitude, impact and significance of actual and forecast variations to the baseline schedule and/or current operating schedule. It begins with the calculation of the project's critical path and determination of any change in the completion date of the project. Schedule analysis also includes diagnosing the health of the project schedule and its direction by examining elements including schedule accuracy, integration, realism, performance, variances, trends, forecasts, "what-ifs," risk and relationship to resources.

This session will highlight and illustrate some basic schedule analysis techniques that can help project teams better assess their project's schedule position and augment the performance and variance information provided from Earned Value Management systems. It would be especially useful for Project Schedulers/Analysts who perform schedule analysis for their project teams.

LEVEL: Basic



NASA Project Management Conference